

Remarks

Upon entry of the foregoing amendment, claims 19-29 are pending in the application, with 19, 22, and 23 being the independent claims. The specification has been amended to update the priority statement. Claims 19, 22, and 23 are sought to be amended, and new claims 24-29 are sought to be added. Based on the following remarks, Applicants respectfully request that the Examiner reconsider all outstanding objections and rejections and that they be withdrawn.

Rejections under 35 U.S.C. § 102

Claims 19-23 were rejected as being anticipated by U.S. Patent No. 5,252,910 to Agaesse (hereinafter Agaesse). Applicants respectfully traverse this rejection. Independent claim 19, as amended, recites:

A current mirror circuit, comprising:

a reference current side having a first transistor and a second transistor, a source of said first transistor coupled to a drain of said second transistor; and

a load current side having a third transistor, a gate of said third transistor connected to a gate of said second transistor, a drain of said third transistor connected to a load circuit;

wherein a drain to source voltage drop across said second transistor matches a drain to source voltage drop across said third transistor;

wherein a voltage is applied to a gate of said first transistor, said voltage based on a common mode voltage associated with an input of said load circuit.

Agaesse describes a current mirror that includes a reference branch and an output branch. A feedback circuit causes a first transistor of the reference branch to track the voltage of a second transistor of the output branch. However, Agaesse fails to teach or suggest applying a voltage to a gate of the first transistor, the voltage based on a common mode voltage associated with an input of the load circuit. U.S. Patent No. 5,359,296 to Brooks et al. (hereinafter Brooks) and U.S. Patent No. 5,835,994 to Adams (hereinafter Adams) also fail to teach this feature.

Independent claims 22 and 23, both as amended, also distinguish over Agaesse, Brooks, and Adams for reasons similar to those set forth above with respect to independent

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claim 19, as amended. Accordingly, Applicants request that the rejection under 35 U.S.C. § 102 be removed and that independent claims 19, 22 and 23 and their respective dependent claims be passed to allowance.

Conclusion

All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding objections and rejections and that they be withdrawn. Applicants believe that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

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